

12/17/99

JC672 U.S. PTO

12-20-99

Docket: RSW990077

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Assistant Commissioner of Patents  
Washington, DC 20231  
Sir:

JC688 U.S. PTO  
09/466625  
12/17/99

Transmitted herewith for filing is the Patent Application of:

Inventor: Ronald P. Doyle; Julie H. King; and Steven W. Pogue

For: Providing End-to-End User Authentication for Host Access Using Digital Certificates

Enclosed are:

- ☒ 6 Sheets of Formal Drawings
- ☒ An assignment of the invention to International Business Machines, Armonk, NY 10504 (including recordation cover sheet)
- ☒ Declaration and Power of Attorney

The filing fee has been calculated as shown below:

Other Than Small Entity

For:	No. Filed	No. Extra	Rate	Fee
Basic Fee				\$ 760.00
Total Claims	27-20 =	7	7x \$ 18.00=	\$ 126.00
Indep. Claims	3 - 3 =	0	0 x \$ 78.00=	\$ .00
<input checked="" type="checkbox"/> Multiple Dependent Claim Presented			\$260.00	\$ 260.00
			<b>TOTAL</b>	<b>\$1146.00</b>

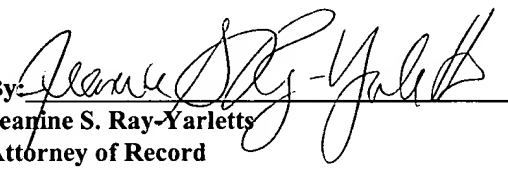
Deposit Account Authorization:

- ☒ Please charge Deposit Account No. 09-0461 in the amount of \$1146.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0461. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. §1.16.
- ☒ Any patent application processing fees under 37 C.F.R. §1.17.

Date: December 17, 1999

Respectfully submitted,

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The cells of *Agrobacterium* strains were grown in YEA medium at 28°C for 24 h. The cells were then washed with distilled water and resuspended in distilled water. The cells were then adjusted to the desired concentration. The cells were then mixed with the plant tissue and the mixture was incubated for 24 h. The cells were then washed with distilled water and the plant tissue was cultured on the selective medium. The transformation efficiency was determined by the number of transformants per 10<sup>6</sup> cells. The results are shown in Table 1.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: R. P. Doyle et al

Serial No.:

Filed: Herewith

For: Providing End-to-End User Authentication for Host Access Using Digital Certificates

Assistant Commissioner of Patents  
Washington, D.C. 20231

# EXPRESS MAIL CERTIFICATE

"Express Mail" label number: EK246343603US

Date of Deposit: December 17, 1999

**WE REQUEST THE DATE OF DEPOSIT AS THE DATE FILED.**

I hereby certify that the following **attached** correspondence comprising:

1. Patent Application Transmittal, in duplicate
2. Patent Application, 28 pages
3. Formal Drawings, 6 sheet
4. Recordation Cover Sheet, in duplicate
5. Assignment
6. Declaration and Power of Attorney
7. Business Reply Postcard

is being deposited with the United States Postal Service Express Mail Post Office to Addressee service under CFR 1.10 on the date indicated above and is addressed to:

**Box Patent Application**  
**Assistant Commissioner of Patents**  
**Washington, D.C. 20231**

Dianne Lane

(Name of person mailing paper or fee)

Dianne Lane